

Abstract:

Spot-type Disc Brake with a Spring Assembly for a Brake Lining

The present invention relates to a spot-type disc brake (1) with a brake housing (3) straddling a brake disc, with at least one brake lining (5, 6) that is arranged in the brake housing (3) so as to be slidable in the actuating direction and cooperates tribologically with the brake disc upon brake application, with at least one actuating device (4) arranged in the brake housing (3) to apply an actuating force to the brake lining (5), and with a spring assembly for the active adjustment of a clearance between the brake lining (5) and the brake disc after brake application. To simplify the configuration of the spring assembly, the spring assembly comprises exactly one spring (8, 18, 25, 31, 33) which is secured detachably in the spot-type disc brake (1) and is supported on the brake lining (5), on the one hand, and on the brake housing (3), on the other hand. A spring (8, 18, 25, 31, 33) of this type is arranged advantageously symmetrically within the brake housing (3) to prevent an undesirable inclined positioning of the brake linings.

(Figure 3a)